



# AMVEX FM-HUMID-R Reusable Humidifier Instruction Manual

[Home](#) » [AMVEX](#) » AMVEX FM-HUMID-R Reusable Humidifier Instruction Manual 

## Contents

- [1 AMVEX FM-HUMID-R Reusable Humidifier](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 SAFETY INSTRUCTIONS](#)
- [5 Receiving Inspection](#)
- [6 User Responsibility](#)
- [7 Intended Use](#)
- [8 Technical Specifications](#)
- [9 Operating Instructions](#)
- [10 Maintenance and Inspection](#)
- [11 Cleaning Instructions](#)
- [12 WARRANTY](#)
- [13 Documents / Resources](#)
  - [13.1 References](#)
- [14 Related Posts](#)



**AMVEX FM-HUMID-R Reusable Humidifier**



## Product Information

### Specifications:

- Product Dimensions (DiaxH): Not specified
- Jar Capacity: Not specified
- Max Line Capacity Of Usable Water: Not specified
- Inlet Fitting: Oxygen DISS female nut
- Outlet Fitting: Hose barb for 1/4 ID plastic tubing

## Product Usage Instructions

### Receiving Inspection:

1. Remove the product from the package and inspect it for any damage.
2. If the product is damaged or incorrect, do not use it. Contact your dealer, equipment provider, or manufacturer.

### Acclimation:

It is important to allow the product to remain in its original packaging for 24 hours to acclimate to room temperature before use.

### Storage:

Store the product in a sealed package to avoid environmental damage. The operating and storage temperature for the Humidifier should reflect typical environmental conditions of a medical facility environment.

### User Responsibility:

- Service of this device should ONLY be performed by properly trained individuals.
- DO NOT operate this device near flammable anesthetics due to the possibility of explosion caused by static charge.

- Always ensure that the Pressure Relief Valve is in place and operational before using the Humidifier.
- Keep the Humidifier in a clean area when not being used.
- Ensure that all connections are tightened and free of leaks before use. ONLY use an oxygen-safe leak detector when testing for leaks.
- Ensure the diffuser is bubbling when the Flowmeter is opened.

#### **Intended Use:**

The Amvex Humidifier is used to provide stable moisture content for maximum patient comfort during the administration of Oxygen or Medical Air.

#### **Purchasing Specifications:**

Amvex Humidifiers provide high humidity to oxygen or medical air using the bubble-type humidification process. It contains a safety relief valve, an Oxygen DISS female nut inlet fitting, and a removable diffuser head, all of which are chrome-plated brass. The outlet fitting is a hose barb for 1/4 ID plastic tubing. Upper and lower water levels are marked; the jar holds 115mL of water when filled to the upper line. The Amvex Humidifier includes the jar and lid assembly (lid, sealing gasket, and diffuser).

#### **Technical Specifications:**

- Product Dimensions (DiaxH): Not specified
- Jar Capacity: Not specified
- Max Line Capacity Of Usable Water: Not specified
- Inlet Fitting: Oxygen DISS female nut
- Outlet Fitting: Hose barb for 1/4 ID plastic tubing

#### **FAQ:**

- Q: What is the capacity of the jar?  
A: The jar can hold 115mL of water when filled to the upper line.
- Q: Can I use an oxygen-safe leak detector to test for leaks?  
A: Yes, you should ONLY use an oxygen-safe leak detector when testing for leaks.
- Q: How should I store the Humidifier?  
A: Store the product in a sealed package to avoid environmental damage. The operating and storage temperature for the Humidifier should reflect typical environmental conditions of a medical facility environment.


#### **Models Included:**

- FM-HUMID-R
- FM-HUMID-RW
- FM-HUMID-RB

## **SAFETY INSTRUCTIONS**

This manual provides you with important information about the Humidifier and should be read carefully to ensure the safe and proper use of this product. Read and understand all the safety and operating instructions contained in this booklet before using this product. If you do not understand these instructions or have any questions, contact your supervisor, dealer or the manufacturer before attempting to use the apparatus.

- **WARNING:** Indicates a potentially hazardous situation, which if not avoided, could result in death or serious injury.
- **ATTENTION:** Indicates a potentially hazardous situation, which if not avoided, could result in minor or moderate injury.
- **CAUTION:** Indicates a potentially hazardous situation, which if not avoided, could result in property damage.

-  Consult operating manual

-  Use no oil

## Receiving Inspection

Remove the product from the package and inspect for damage. If the product is damaged or incorrect, do not use it. Contact your dealer, equipment provider, or manufacturer.

- **ATTENTION:** It is very important to allow the product to remain in its original packaging for 24 hours to acclimate to room temperature before use.
- **ATTENTION:** Store the product in a sealed package to avoid environmental damage. The operating and storage temperature for the Humidifier should reflect typical environmental conditions of a medical facility environment.

## User Responsibility

- **WARNING:** The service of this device should ONLY be performed by properly trained individuals.

This product performs as explained in this manual as long as the assembly, use, repair, and maintenance are properly followed according to our instructions. Periodic review of this device is recommended. If any damage or defects are present, the product should not be used. This includes parts that are worn or missing. If any of the above are noted, immediate repair/ replacement is required. If this device is subject to improper maintenance, repair, use and/or abuse leading to malfunction of the device, replacement is the sole responsibility of the user.

- **WARNING:** Due to the possibility of explosion caused by static charge, DO NOT operate this device near flammable anesthetics.
- **WARNING:** Always ensure that the Pressure Relief Valve is in place and operational before using the Humidifier.
- **ATTENTION:** Keep the Humidifier in a clean area when not being used.
- **ATTENTION:** Ensure that all connections are tightened and free of leaks before use. ONLY use an oxygen-safe leak detector when testing for leaks.
- **ATTENTION:** Ensure the diffuser is bubbling when the Flowmeter is opened.

## Intended Use

The Amvex Humidifier is used to provide stable moisture content for maximum patient comfort during the administration of Oxygen or Medical Air.

## Purchasing Specifications

- Amvex Humidifiers provide high humidity to oxygen or medical air using the bubble-type humidification process. It contains a safety relief valve, an Oxygen DISS female nut inlet fitting and a removable diffuser head, all of which are chrome-plated brass. The outlet fitting is a hose barb for 1/4" ID plastic tubing.
- Upper and lower water levels are marked; the jar holds 115mL of water when filled to the upper line.
- The Amvex Humidifier includes the jar and lid assembly (lid, sealing gasket, and diffuser).

## Technical Specifications

<b>Product Dimensions (DiaxH)</b>	2.6" x 6.25"
<b>Jar Capacity To Max Line</b>	115 ml
<b>Capacity Of Usable Water</b>	57.5 ml from lower to upper lines
<b>Inlet Fitting</b>	Oxygen DISS female with wing nut 9/16 -18 thread
<b>Outlet Fitting</b>	Hose barb 1/4" inner diameter plastic tubing

## Operating Instructions

1. Inspect products for visible damage. DO NOT use if any damage is found.
2. Add water into the bottle between the upper level and lower level line.
3. Connect the humidifier directly to a flowmeter.
4. A connection tube is connected to its output port.
5. Bubbles will occur when the flowmeter is open.

### Pressure Relief Valve

The Humidifier is equipped with a Pressure Relief Valve designed to activate at a pressure of 2 psi while venting to the atmosphere at a flowrate of 2LPM. Check the downstream delivery tubing and the delivery device and remove any obstruction (such as kinked tubing).

## Maintenance and Inspection

**WARNING:** Sterilize the Humidifier after each patient's use.

If during normal operation, bubbling from the diffuser should decrease or stop completely, Check the following:

- The Oxygen or Medical Air source is adequate;
- Diffuser Assembly is tight to the Humidifier lid;
- The diffuser is not clogged or plugged.

Ensure the Humidifier is clean and that no foreign objects are inside the jar before use. Ensure the Relief Valve is in working condition.

- To check the Relief Valve, set the Flowmeter to 3LPM, and occlude the Humidifier outlet.

## Cleaning Instructions

- The lid assembly is dishwasher safe and can be gas sterilized up to 65°C (150°F).

- The jar is dishwasher safe and can be steam autoclaved up to 121°C (250°F) for 20 minutes.

WARRANTY

Amvex warrants its Medical Secondary Equipment to be free from defects in material and workmanship for One (1) year from the date of shipment. This warranty is valid only when the product has been properly installed according to Amvex specifications, used in a normal manner, and serviced according to factory recommendations. It does not cover failures due to damage that occurs in shipments or failures resulting from accidents, misuse, abuse, neglect, mishandling, alteration, misapplication, or damage that may be attributable to acts of God.

AMVEX DOES NOT HONOR VERBAL STATEMENTS CONCERNING THE WARRANTY.



The distributor and/or dealer is not sanctioned to create verbal warranties about the product described in this agreement. Any statements will not be honored or be made part of the agreement of sale. This document is the final, complete and exclusive terms of the agreement.

THIS WARRANTY IS INCLUSIVE AND REPLACES ALL OTHER WARRANTIES.

Amvex shall not, under any circumstances, be liable for incidental or consequential damages including, but not limited to, profit loss, loss of sales or injuries to person(s) or property. Correction of non-compliances as noted above will result in the completion of all liabilities of Amvex whether based on agreement, neglect or otherwise. Amex reserves the right to stop manufacturing any product or change materials, designs, or specifications without notice. All warranty claims must first be approved by Amvex’s Repair Department: (905-764-7736 Toll Free: 1-866-462-6839). A valid Return Goods Authorization (RGA) number must be obtained from Amvex before the commencement of any warranty claim.

© 2016 Ohio Medical. This document contains information that is proprietary and confidential to Ohio Medical. Use of this information is under license from Ohio Medical. Any use other than that authorized by Ohio Medical is prohibited. Amvex and the Amvex logo are registered trademarks of Ohio Medical.

Documents / Resources

	<p><a href="#">AMVEX FM-HUMID-R Reusable Humidifier</a> [pdf] Instruction Manual FM-HUMID-R Reusable Humidifier, FM-HUMID-R, Reusable Humidifier, Humidifier</p>
	<p><a href="#">AMVEX FM-HUMID-R Reusable Humidifier</a> [pdf] Instruction Manual FM-HUMID-R Reusable Humidifier, FM-HUMID-R, Reusable Humidifier, Humidifier</p>

References

-  [Manual-Hub.com - Free PDF manuals!](#)

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.